Suggestions Relating to the Proper Ap-

Thirty years ago, horses and pigs were the only farm animals kept in this region that were supplied with bedding. Cows and young cattle were kept on a bare floor, and the manure was in many cases thrown out of windows, to be washed under the eaves of the barn. About that time I began to supply all animals kept on the farm with plenty of straw for bedding, and have continued the practice ever since. Straw is not suitable for feeding calves, and where the cows are fresh early in winter for the purpose of winter dairying, there is no opportunity to feed them straw with any profit. With plenty of straw used for bedding. in connection with a deep water-tight gutter behind the cows, the amount of manure made is double what it was in the old way, and the same amount applied to the acre is worth far more than where no straw is used. Perhaps the rotchemical effect whereby the soil is benefited. Notwithstanding the statements made by scientific men that publican. straw is worth more to feed than for crop it may be best to feed some son to taste. - Good Cheer.

applied. Most agricultural writers quarts of small clover, one quart of claim that there can be no loss when alsike clover and six quarts of timothy. the manure is taken directly from the The land should be in good heart and stable and spread on the land, and as well worked .- Farm and Home. there is a saving of labor, this prac- -Angel's Snow .- Peel and cut one tice has been generally commended. dozen ripe apples in thin, small pieces. My own experience is that far more Put a layer in the bottom of a large benefit is received when manure is ap- glass dish, sprinkle with sugar and plied in a partially decomposed then put a layer of grated cocoanut, state, and at a time when the and apples again, until the dish is full, growing crop will immediately putting the cocoanut on top. Set on stable is so constructed that a team - Toledo Blade. can be driven around the rows of .- The carcass of our sheep should cows, and the manure loaded directly be made so valuable by its ability to from the gutter and drawn to the field reproduce itself annually in value each day. My practice formerly was market lamb, and sell when its turn to spread it from the wagon or sled, comes to be turned into money for until the snow was too deep to drive a sum which would afford a profit over the field, and then for the remain- upon the cost. The fleece, as a secder of the winter put it in heaps of ondary consideration, should be made thirty loads each—one of these heaps as valuable as possible. To secure on each two acres of the field, in posi- these results the skill of breeders tion convenient for spreading in the should be brought to use to improve spring. As there is straw in the ma- all of our sheep up to this standard. nure, and my stable never freezes, the Indianapolis Sentinel. use by the crop to follow.

to my expectation, the effect was _Boston Budget. quite as lasting. So apparent is the advantage in favor of the rotted manure that I have discontinued the spreading from the stable, and now use all manure in a decomposed state. Only that made late in spring and through the summer is kept over the season. The piles in the field are made four or five feet high, and flat on top, and there is no loss from heating and washing, and I think one load is worth two or three of such as I saw the other day, where no bedding was used, and the piles left under the eves through the summer. I can see no possible advantage in keeping that it can be prevented by the use of manure a year or more before using

all who have used it must be conviced, but several of your correspondents find difficulty is using it to advantage, as it is not very convenient for moving the manure from the barn to a distant field. If they will adopt my method of drawing to the field as | Most men rub and curry well enough, fast as made, and placing in heaps perhaps, and many take great pride convenient for the spreader, and plenty of time in smoothing the their difficulty will vanish. We used the spreader five years with much satisfaction, and commend it to every farmer iffty that little attention and inspection acres or more of land. Where that that is almost daily necessary. head of cattle or more are kept, and

Of the great value of the spreader

much hard labor is saved. ably inclined. I should have stated he can not travel or work well. above that two or three men can be used to advantage with one spreader. It takes so short a time to unload that if not removed cause lameness. Copthe men will handle as much manure peras thrown over the manure of the in a day as they would by continuous stable to destroy smell, will tend to

-Rice Croquettes: Soak some rice, then boil it in milk. When it is done add sugar enough to sweeten, the have the same effect, and is very usegrated rind of a lemon, the yelks of ful to prevent the loss of ammonia three eggs; form into balls and fry in from the manure. - Country Gentlelard. The lard must be boiling and sufficient to cover the croquetts. When they are done sprinkle over them some powdered sugar. - Cincin-

-The available coal of Alabama, collected into one lump, would be forty-five miles long by twenty-five miles wide by ten feet thick. A breaking off of 5,000 tons daily from the lump would leave a large part of it untouched at the expiration of 6,000

-People will tell you that this is a selfish world; and yet there are plenty of folks who are willing to do your thinking for you; and thinking, every one knows who has tried it, is the hardest possible kind of labor.

HOME AND FARM.

-Never rub a stung place. Push a sting out with the finger nail. When you pull it out, you drive the poison into the wound.

-Doughnuts: One cup sugar, one heaping tablespoonful butter, one egg, one cup sweet milk, half a nutmeg, two teaspoonfuls baking powder, one quart flour. - Boston Budget.

-Ginger Cake: One cup of molasses, one and one-half cups of hot water, one-half cup of butter or lard. one tablespoonful of ginger, one teaspoonful of soda, and flour for a rather thick batter. - Household.

-A pretty bed for a child's room is one with a white bedstead, with spread of butter-cup yellow silesia covered with white lace. The cover is not to be tucked in, but is to be edged with lace, and to hang nearly to the floor.

-A cherry tree of the white oxheart variety on the premises of John Capara of Oroville, Cal., bore this season ting straw has a mechanical as well as 2,800 pounds of fruit. It is eighteen years old, is sixty feet high and is six feet in circumference. -St. Louis Re-

-Delicate cake. -One egg, two tabedding. I have not been able to use blespoonfuls butter, one and one-half it for feeding purposes with satisfac- cups sugar, three cups sifted flour, one tory results, except to horses kept cup sweet milk, two teaspoonfuls largely on grain and worked lightly cream tartar, one teaspoonful soda, or in winter. Perhaps with a light hay two teaspoonfuls baking-powder. Sea-

straw, but where straw is much used -After forty years' experience my for feeding, light hay crops will surely plan in seeding down to grass for hay. is to sow per acre a mixture contain-Manure should be rotted before it is ing four quarts of large clover, two

commence feeding upon it. My ice one hour and serve in glass saucers.

piles in the field commence warming -Chocolate Creams. -This recipe up at once; and by the time the land and the one following are given in recan be plowed in spring, the manure sponse to an inquiry from a subscriber. is in excellent condition, and the They are both excellent. One quart of serted that these useful batrachians, atspreader leaves it fine and ready for pulverized sugar and one-half pint boiling water. Boil ten minutes with-After applying part of the manure out stirring, then set the basin into direct from the stable and the rest cold water and stir briskly until cold. from these rotted heaps, for years, I Make into small balls and put on a observed that the portions of the field buttered plate or waxed paper to where the manure from the heaps harden. Melt one-half pound of bawas spread received far more ker's chocolate over a boiling teaketimmediate benefit, and, contrary tle, and roll the balls in it with a fork.

-The disease of the peach tree known as the yellows, was one of the subjects of discussion at the recent meeting of the American Pomological Society, in Boston. Two views were expressed as to the cause of this destructive disease. One was that it was a form of contagion, which may be exterminated by destroying all infected trees. The other theory attributed the yellows to the poverty of the soil, due to its exhaustion by repeated crops without the application of fertilizing materials; and those who explain the malady in this way believe potash and phosphates on peach orchards.—N. Y. Ledger.

THE HORSE'S FEET.

Why They Should Receive Daily Attention and Examination.

Few farmers give that attention to their horses' feet that they should give. horse's hide; but seldom is it that they think of that most indispensable part, the horse's feet, and stop to give them

The feet of the horse require as much where there is snow, or the ground is attention as the body, and some horses' frozen, it is by far the best way to take feet much more. Without sound feet the manure direct to the field from the the horse is not of much service for stable. Some readers will say that the labor. A horse's feet may become unspreader is an expensive tool, and he sound by having to stand in a filthy can not afford to buy one. No farmer stable. The floor and bedding of the with a hundred loads of manure to stable should always be dry, and the spread each year can afford to do with- manure that is caked under foot out one. The manure is worth far every morning should be carefully more when the spreader is used, and removed by the groom. As often as necessary the hoof should be pared. I do not own a spreader, but own a and the frog examined as to soundgrain drill, which cost about the same, ness and hardness. A little alum and by agreement lend the drill to a water and brine should be kept at neighbor, who has a spreader, and hand, and the frog of the foot mopped have his spreader in return. This ar- with it once a week to keep the frog rangement is commended to the con- sound and hard. A soft frog causes sideration of all small farmers peace- the animal to get lamed easily, and so

Sometimes stones and other hard substances get fastened in the foot, and loading .- C. S. Rice, in Country Gen- keep the hoof sound. It is well to sprinkle it over the stable frequently, if for no other purpose to cure the unpleasant smell that often attaches to the feet of the horse. Plaster will

Melotrope and Melograph The melograph of M. Carpentier, by which musical compositions are written down or registered, has now been supplemented by a "melotrope" from the same inventor, which trope" from the same inventor, which enables them to be played automatically in any key. For this pur-pose the melograph bands are perforated, and caused to operate the melotrope, an ingenious instrument which we need not fully describe, and which is still in its experimental stage. With the melograph and melotrope it is now possible to register an improvisation or a piece of classic music, and reproduce it automatically. -Engineering.

PATRIOTIC OLD ABE.

Some Interesting Information About the Famous Wisconsin Bird. "Old Abe," the whilom war eagle of the

Eighth regiment, Wisconsin volunteers, is one of the attractions in the collection of war relics at the Exposition building. He is only stuffed and doesn't look as big as when he accompanied the eagle regiment on Southern battle fields. A wooden tablet attached to his perch bears this inscription: "Hatched February, 1861; died March 26, 1881." E. H. Webster, of Greenbusch, Sheboy-

gan County, Lieutenant of Company B, of the Eighth regiment, gave a Milwaukee Sentinel reporter some information about the old bird. "When our company came into camp at Madison we were told by the men of Company C, who brought the eagle with them from Eau Claire, that he was taken from his nest by an Indian and presented to them by him. I have read a more romantic tale of his capture since then, but this story is undoubtedly correct, as nobody then thought of inventing the pleasant fictions about the famous eagle which have since become so numerous. Our regiment broke camp at Camp Randall, in compliance with an order to go to Missouri, and while marching through St. Louis the eagle broke its string and flew away. We all thought that that was the last we would see of him, and Colonel Murphy offered to give twenty-five dollars to any one who would bring him back. You know Murphy, don't you? He left our regiment and was put in charge of a brigade, and surrendered at the battle of Holly Springs. But I am di-

"While in Camp Curtis, at St. Louis, one of the boys pointed up into the air at a large bird which was approaching up, and said that he'd bet that it was "Old Abe." We fixed a perch on a camp chest, and very soon the eagle sailed down and took his place on the perch. He had been fishing, and was as wet as a rat. We put him on a string again, and sometimes let him go, as he was always sure of returning. Occasionally we let him loose during an engagement, and then he would fly about overhead or sit quietly on his perch. I believe the confederates brought down some of his feathers once, and after that he always screamed and acted mad when a fight was going on. General Price, of the Confederates, once said he would rather capture the eagle than the whole

"'Old Abe' was a nuisance in some respects. He was a thieving bird, and when the rations were distributed he had to be watched or he would steal the best morsels away. He liked beef and all kinds of meat when there was scarcely any for the boys. He was up to all sorts of mischief, and wounded some of the boys who were spared by rebel bullets. They would plague him and he would peg at them,

frequently drawing the blood.' After the regiment returned from the war "Old Abe" was well cared for at Madison until his death, which ensued from natural causes.

Demoralizing Toads. Some sharp observer in Westfield (N. Y.) has discovered that the electric lights recently placed on the more retired streets are demoralizing to the toads. It is astracted by the brilliant light when the it and hold high revels. The greatly enlarged shadows of countless insects fluttering around the light fall upon the ground, and the innocent toads, thinking them to be real, hop about in all directions to catch them, making it seem as though they were going through a merry cotillon.

Inventions of the 19th Century.
The steamboat, the reaper, the sewing machine,
Cars running by night and by day,
Houses lighted by gas and heated by steam,
And bright electricity's ray.

The telegraph's click speeds like lightning released,
Then the telephone comes to excel it:
And, to put on the finish, the last but not least,
Is the famed little Purgative Pellet.
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Purgative Pellet, because it relieves human
suffering, adds to the sum of human comfort, and enables the relieved sufferer to enjoy all the blessings and luxuries of the age
we live in.

One of the silent tragedies of life is mur-

In the Mechanism of the Body, In the Mechanism of the Body,
The kidneys have an important duty assigned them. It is to eliminate from the blood certain impurities dangerous if allowed to remain. Should the action of these organs and the bladder become obstructed, renew it with Hostetter's Stomach Bitters, an effective diuretic, as well as a preventive and remedy for fever and ague and other malarial affections, nervous aliments, debility, constipation and rheumatism. Resort to it in season, and systematically.

DANCE music is perhaps the most sole-ful variety after all.—Merchant Traveler.

An Offensive Breath Is most distressing not only to the person afflicted if he have any pride, but to those with whom he comes in contact. It is a delicate matter to speak of, but it has parted not only friends but lovers. Bad breath and catarrh are inseparable. Dr. Sage's Catarrh Remedy cures the worst cases, as thousands can testify.

THE weeping willow sheds more leaves than tears.—A. O. Picayung.

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ticle which so richly deserves the entire confidence of the community as Brown's Brownchial Troches. Those suffering from Asthmatic and Bronchial Diseases, Coughs and Colds, should try them. Price, 25 cents. Even the much be-fouled, salt water is

always tide-y. - Yonkers Gazetia THOROUGH Purity of the Cuticle is attained by the use of Glenn's Sulphur Soap. Hill's Hair and Whisker Dye, 50c. The best.

Money just now is like many men who have it—close.—Texas Sijtings. Ir afflicted with Sore Eyes use Dr. Isaac Thompson's Eye Water. Druggists sell it. 25c.

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of people who have tried Hood's Sarsaparilla, in this preparation, is remarkable. Many who have failed to derive any good whatever from other articles are completely restored to health by the peculiar curative powers of this medicine. For diseases caused by impure blood, or low state of the system, it is unsurpassed. If you need a good medicine, give Hood's Sarsaparilla a trial. Be sure to get

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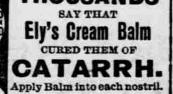
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If a gentleman by volunteers to throw the light of his experience into the darkened places of

and enjoy life, may t not be reasonably called daylight? As for instance, take the case of Captain As for instance, take the case of Captain Sargent S. Day, Gloucester, Mass., who writes April 16, 1881: "Some time ago I was suffering with rheumatism. I used a small portion of St. Jacobs Oil and was cured small portion of St. Jacobs Oil and was cured at once. I have used it for sprains and never once have known it to fail. I will never be without a bottle." Captain Day also received a circular letter, and in reply under date of July 1, 1887, he says: "I used the Oil as stated and was permanently cured of rheumatism by its use." During the intervening six years there had been no recurrence of the pain. Also a letter from Mr. H. M. Converse, of the Warren (Mass.)

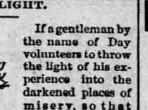
Herald, dated July 9, 1887, as follows:

9, 1887, as follows: "In response to yours of June 22, would say that in severe attack of rheumatism in shoulder and arm, so that she could not raise her hand to her head. A few

Another case is that of Mr. R. B. Kyle,

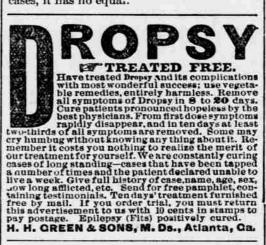


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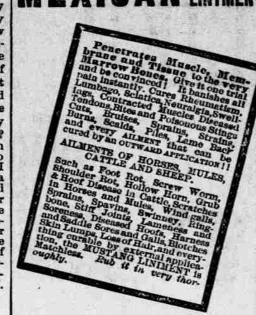
misery, so that others may go and

applications of St, Jacobs Oil cured her permanently, and she has had no return o Tower Hill, Appomattox county, Va., who writes, November, 1886: "Was afflicted for several years with rheumatism and grew worse all the time. Eminent physicians gave no relief; had spasms, and was not expected to live; was rubbed all over with St. Jacobs Oil. The first application relieved, the second removed the pain, continued use cured me; no relapse in five years, and do as much work as ever." These are proofs of the perfection of the remedy, and, taken in connection with the miracles performed in other









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